BRUHAT BENGALURU MAHANAGARA PALIKE

Name of work: Desilting and resetting of drain and re asphalting to MEI layout New Extension main Road and cross roads in Ward no.14 Bagalgunte

Job code: 014-18-000076					Estimated Cost in Lakhs:			39.29
SN Description	No	L	B	D	Qty	Rate	Unit	Amount
KSRB 300.2 Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3								
Basic Rate	179.00							
AW 6%	10.74							
Total	189.74							
Rcc Drain								
BBMP Sub Divison office back side surrounding area cross roads	1	135	1.1	1.0	148.50			
Cross Road	1	75	1.1	1.0	82.50			
Cross Road	1	81.35	1.1	1.0	89.49			
Cross Road	1	54	1.1	1.0	59.40			
MEI Layout surrounding area cross roads	1	65	1.3	1.2	101.40			
			Total		481.29	189.74	Sqm	91319
2 KSRB 4-1.3: Providing and laying in position plain cement concrete of mix1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregtes @ 0.57 cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth including cost of all materials, labour, HOM of machinery, curing complete as per specifications. (P.13/4.3)								
Basic Rate:	5102.00							
Area Weightage 6%	306.12							
Total	~~5102.00~~ 5408.1							
Rcc Drain								
BBMP Sub Divison office back side surrounding area cross roads	1	135	1.1	0.15	22.28			
Cross Road	1	75	1.1	0.15	12.38			
Cross Road	1	81.35	1.1	0.15	13.42			
Cross Road	1	54	1.1	0.15	8.91			
MEI Layout surrounding area cross roads	1	65	1.3	0.15	12.68	5408.1		
					69.66	~~5102.00~~	cum	355394
3 KKSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2								
Basic Rate	358.00							
AW@ 6%	21.48							
Total	379.48							
Rcc Drain Talli								
BBMP Sub Divison office back side surrounding area cross	2	135		0.15	40.50			
Cross Road	2	75		0.15	22.50			

Description	No	L	B	D	Qty	Rate	Unit	Amount
Cross Road	2	81.35		0.15	24.41			
Cross Road	2	54		0.15	16.20			
MEI Layout surrounding area cross roads	2	65		0.15	19.50			
For Drians Walls								
BBMP Sub Divison office back side surrounding area cross roads	2*2	135		0.6	324.00			
Cross Road	2*2	75		0.6	180.00			
Cross Road	2*2	81.35		0.6	195.24			
Cross Road	2*2	54		0.6	129.60			
MEI Layout surrounding area cross roads	2*2	65		0.9	234.00			
			Total		1185.95	379.48	Sqm	450042
KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6								
Basic Rate:	5659.00							
Area Weightage 6%	339.54							
Total	**5998.54**							
Rcc Drain raft								
BBMP Sub Divison office back side surrounding area cross roads	1	135	0.9	0.15	18.23			
Cross Road	1	75	0.9	0.15	10.13			
Cross Road	1	81.35	0.9	0.15	10.98			
Cross Road	1	54	0.9	0.15	7.29			
MEI Layout surrounding area cross roads	1	65	1.05	0.15	10.24			
For Drians Walls								
BBMP Sub Divison office back side surrounding area cross roads	2	135	0.15	0.6	24.30			
Cross Road	2	75	0.15	0.6	13.50			
Cross Road	2	81.35	0.15	0.6	14.64			
Cross Road	2	54	0.15	0.6	9.72			
MEI Layout surrounding area cross roads	2	65	0.15	0.9	17.55			
				Total	**136.57**	**5998.54**	**Cum**	**819237**
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. (TMT bars FC 500)(P.18/4.46.2) **Issue rate date : 02.11.2021 till now**								
Basic Rate	87417.00							
Area Weightage 6%	5245.02							
Total	**92662.02**							
For Drain								
Qty @60Kg/Cum		0.060	136.57		8.19			
				Total	**8.19**	**92662.02**	**T**	**759306**

SN	Description	No	L	B	D	Qty	Rate	Unit	Amount
6	Providing and and fixing Precast Concrete slab 10 CM thick with all lead and lift as per specification (Data Rate Approved) 2018-19								
	Basic Rate	2337.00							
	Total	2337.00							
	Rec Drain								
	BBMP Sub Divison office back side surrounding area cross roads	1	135	0.9		121.50			
	Cross Road	1	75	0.9		67.50			
	Cross Road	1	81.35	0.9		73.22			
	Cross Road	1	54	0.9		48.60			
	MEI Layout surrounding area cross roads	1	65	1.2		78.00			
					Total	388.82	2337.00	sqm	908661
	Transportaion & disposing of the excavated earth obtained from side drains & high burns an either sides of the road 2km lead (P.No 134)								
	Avg wt of earth 1.28 tonne/km								
	Basic rate lead charges for 4.00kms (2.00x1.28x15.00)					12.80			
	Add loading & unloading					68.00			
	Sub total					80.80			
	AW 6%					4.85			
	Total					85.65			
	Qty vide i.no 1					481.29	85.65	Cum	41221
								Sub Total	3425181
								Add GST 12%	411022
								Tender premium &Miscellaneous	92798
								Grand Total	3929000.00

CERTIFICATE:

1. The above estimate has been prepared as per PWD SR 2018-19
2. The work spot has been inspected and found to be necessary
3. The work spot comes under BBMP Limits
4. The provisions made in the estimate are necessary and minimum

Assistant Engineer
Ward No.14

Assistant Executive Engineer
Dasarahalli Sub-Division

Executive Engineer
Dasarahalli Division

ADMINISTRATIVELY SANCTIONED FOR
(Rupees thirtynine Lakhs twenty nine thousand only
Under the Head of Account P-0224
Electrical 2022-24
Registered as no EE(D.D.)/AS/79/21-22 subject to conditions contained in Enclosed Memo
No GE/D.D./AS/79/21-22 Dt: 13/1/22

Exe. Engg
JE/AE. (DASARAHALLI) BBMP

Technically Sanctioned for Rs. 39.29 Lakh
In words Rupees Thirty nine Lakhs Twenty nine thousand only
Under P-0224
Job Code No. 014-18-000076
Registered as CE No 86/14-01-2022 subject to conditions contained in Enclosed Memo
No CE/DZ/TS/86/2021-22 Dt: 14-01-2022

AE/JE TA CE(D)